

Exploring the Extreme			
2000 Science			
Model Academic Standards			
Wisconsin Science			
Grades K-4			
Activity/Lesson	State	Standards	
Finding the Center of Gravity Using Rulers	WI	SCI.K-4.A.4.2	When faced with a science-related problem, decide what evidence, models, or explanations previously studied can be used to better understand what is happening now
Finding the Center of Gravity Using Rulers	WI	SCI.K-4.A.4.3	When investigating a science-related problem, decide what data can be collected to determine the most useful explanations
Finding the Center of Gravity Using Rulers	WI	SCI.K-4.C.4.2	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations
Finding the Center of Gravity Using Plumb Lines	WI	SCI.K-4.A.4.1	When conducting science investigations, ask and answer questions that will help decide the general areas of science being addressed
Finding the Center of Gravity Using Plumb Lines	WI	SCI.K-4.C.4.2	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations
Finding the Center of Gravity Using Plumb Lines	WI	SCI.K-4.D.4.5	Construct simple models of what is happening to materials and substances undergoing change, using simple instruments or tools to aid observations and collect data
Changing the Center of Gravity Using Moment Arms	WI	SCI.K-4.C.4.2	Use the science content being learned to ask questions, plan investigations, make observations, make predictions, and offer explanations
Exploring the Extreme			
2000 Science			
Model Academic Standards			
Wisconsin Science			
Grades 5-8			
Activity/Lesson	State	Standards	
Jet Propulsion	WI	SCI.5-8.A.8.1	Develop their understanding of the science themes by using the themes to frame questions about science-related issues and problems
Jet Propulsion	WI	SCI.5-8.C.8.4	Use inferences to help decide possible results of their investigations, use observations to check their inferences
Vectoring	WI	SCI.5-8.A.8.6	Use models and explanations to predict actions and events in the natural world

Fuel Efficiency	WI	SCI.5-8.C.8.5	Use accepted scientific knowledge, models, and theories to explain their results and to raise further questions about their investigations
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